

Converting Colors

XYZ(74.7336, 73.9377, 80.1937)

Have a look what the booklet for
XYZ(74.7336, 73.9377, 80.1937)
contains.

XYZ(74.7501, 73.8307, 80.1230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.7501, 73.8307,
80.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9DF
RGB	242, 217, 223
RGB Percent	95%, 85%, 87%
CMY	0.0510, 0.1490, 0.1255
CMYK	0.00, 0.10, 0.08, 0.05
HSL	346°, 49%, 90%
HSV	346°, 10%, 95%
XYZ	74.7501, 73.8307, 80.1230
YIQ	225.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

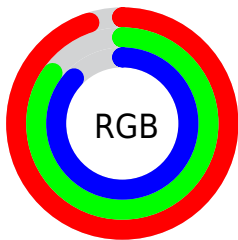
Format	Color
R_{YB}	242, 217, 223
Decimal	15915487
CIE Lab	88.84, 9.62, 0.20
CIE LCh	89, 9.619, 1.189
Yxy	73.8307, 0.3268, 0.3228
Android (android.graphics.Color)	4294105567 (0xFFFF2D9DF)
YUV	225.1590, -1.0644, 14.7696
Hunter-Lab	85.9248, 4.9173, 4.8607

Details

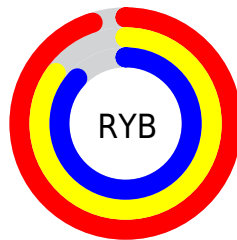
The XYZ color **74.7501, 73.8307, 80.1230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5106, 84.3140, 91.6555**, and the grayscale version is **71.6850, 75.4182, 82.1304**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2379, 39.1069, 42.4734** is the 20% darker color. If you saturate the color by 10%, you get **66.6173, 61.3203, 65.8336**, and if you desaturate by 10%, it is **84.0712, 88.2846, 96.1397**.

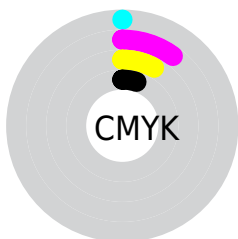
Distribution



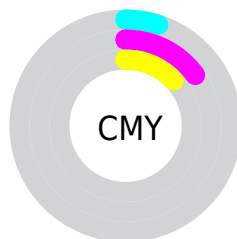
- Red (95%)
- Green (85%)
- Blue (87%)



- Red (95%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7501, 73.8307, 80.1230 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.7501, 73.8307, 80.1230 by changing the saturation by 10% instead.


 74.7501, 73.8307,
80.1230

 74.7501, 73.8307,
80.1230

466.0686,
473.8889, 515.0649

 55.7016, 54.6555,
59.2928

124.9484,
124.6558, 135.3516

 40.1998, 39.1260,
42.4273


156.8289,
157.0744, 170.5871

 27.8793, 26.8577,
29.1080


193.7174,
194.6764, 211.4615

 18.3747, 17.4664,
18.9162

235.9794,
237.8460, 258.3932

 11.3206, 10.5676,
11.4336

283.9802,
286.9676, 311.8009

 6.3518, 5.7769,
6.2414

338.0851,

 3.1028, 2.7099,

342.4257, 372.1031

2.9213

398.6594,
404.6047, 439.7182

■ 1.2084, 0.9822,
1.0546

■ 0.1130, 0.0000,
0.0000

■ 74.7501, 73.8307,
80.1230

■ 74.7501, 73.8307,
80.1230

■ 66.6173, 61.3203,
65.8336

■ 84.0712, 88.2846,
96.1397

■ 59.6184, 50.6610,
53.2084

■ 90.4284, 97.6175,
108.6837

■ 53.7039, 41.7673,
42.1873

■ 48.8180, 34.5432,
32.7046

■ 44.9002, 28.8835,
24.6903

■ 41.8830, 24.6710,
18.0683

■ 39.6902, 21.7716,
12.7554

■ 38.2318, 20.0260,
8.6587

■ 37.3833, 19.1834,
5.7420

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1740, 73.8307, 86.7339



74.7501, 73.8307, 80.1230



74.0776, 73.8307, 73.9244

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7501, 73.8307, 80.1230



67.8787, 73.8307, 69.9025



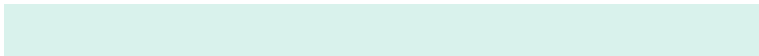
68.0364, 73.8307, 92.1667

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.7501, 73.8307, 80.1230



75.5106, 84.3140, 91.6555

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4098, 73.8307, 87.2201



74.7501, 73.8307, 80.1230



66.3202, 73.8307, 74.3615

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7501, 73.8307, 80.1230



70.0809, 73.8307, 68.2286



65.7883, 73.8307, 80.6558



70.2669, 73.8307, 93.9148

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7501, 73.8307, 80.1230



73.0201, 73.8307, 70.7977



65.7883, 73.8307, 80.6558



67.4026, 73.8307, 90.8098

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.7522, 73.8339, 80.1246



91.7357, 94.8469, 103.2462



75.3514, 73.8301, 94.2845



19.4501, 20.0137, 21.7820



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

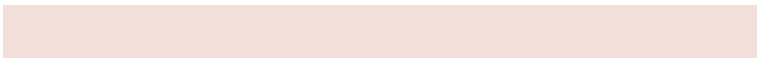
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7522, 73.8339, 80.1246



82.5319, 80.5980, 87.3575



75.5993, 76.7990, 76.4888



15.9282, 15.8210, 17.1782



20.1269, 10.3232, 3.3186



1.7121, 0.8739, 0.4748

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.7522, 73.8339, 80.1246



82.5319, 80.5980, 87.3575



74.5684, 81.0119, 95.7120



15.9282, 15.8210, 17.1782



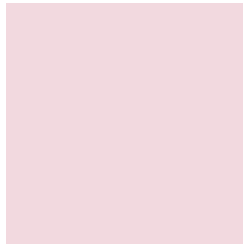
20.1269, 10.3232, 3.3186



1.7121, 0.8739, 0.4748

Previews

White Background



This preview shows how the XYZ color 74.7501, 73.8307, 80.1230 looks on a white background.

Color Contrast Check

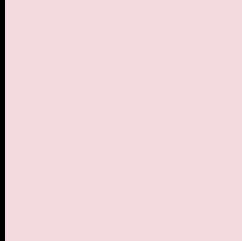
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.7501, 73.8307, 80.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7501, 73.8307, 80.1230

Background



This preview shows how black text looks on a background with the XYZ color 74.7501, 73.8307, 80.1230.



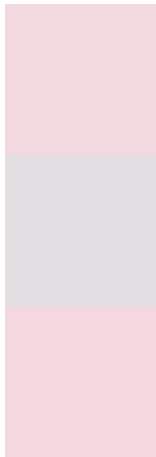
This preview shows how white text looks on a background with the XYZ color 74.7501, 73.8307,

80.1230.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.7501, 73.8307, 80.1230

Protanopia

71.2128, 73.9023, 82.4628

Deuteranopia

75.5313, 73.8519, 80.0860



Tritanopia

76.0835, 73.9926, 86.6159

Trichromacy



Original Color

74.7501, 73.8307, 80.1230

Protanomaly

72.4625, 73.7784, 81.6556

Deuteranomaly

75.1834, 73.6725, 80.0697

Tritanomaly

75.6609, 73.8236, 84.3904

Monochromacy



Original Color

74.7501, 73.8307, 80.1230

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5308, 74.6133, 81.1000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7501, 73.8307, 80.1230 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(242, 217, 223) looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.7501, 73.8307, 80.1230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 217, 223) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 217, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 217, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 217, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 217, 223); box-shadow:4px 4px 4px 4px rgb(242, 217, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7501, 73.8307, 80.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
217, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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